

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial No. ....  
Filing Date .....  
Inventorship ..... Lu  
Applicant ..... Microsoft Corporation  
Attorney's Docket No. .... MS1-1650US  
Title: A Low-Complexity 2-Power Transform For Image/Video Compression

**INFORMATION DISCLOSURE STATEMENT**

*References -- See Attached Form PTO-1449*

**REMARKS**

The citations listed, copies attached, are submitted in compliance with the duty of disclosure defined in 37 CFR §1.56. The Examiner is requested to make these citations of official record in this application.

Respectfully submitted,

Date:

9/30/03

By:



Allan T. Sponseller  
Reg. No. 38,318

Please type a plus sign (+) inside this box → +

EV355229184<sup>+</sup>

<b>Substitute for form 1449B/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	
				Filing Date	
				First Named Inventor LU	
				Group Art Unit	
				Examiner Name	
Sheet	1	of	1	Attorney Docket Number MS1-1650US	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		ITU Telecommunications Standardization Sector, STUDY GROUP 16, Video Coding Experts Group (Question 15), Eleventh Meeting: Portland, Oregon, USA, 22-25 August, 2000, "Integer Transforms for H.26L using Adaptive Block Transforms," Document Q15-K-24, Filename q15k24.doc, Generated 16 Aug '00, pp. 1-5.	
		ITU Telecommunications Standardization Sector, STUDY GROUP 16, Video Coding Experts Group (Question 15), 9th Meeting: Red Bank, NJ USA, 19-22 Oct, 1999, "Addition of 8x8 transform to H.26L," Document Q15-I-39, Filename q15i39.doc, Generated 11 Oct. '99 pp. 1-2.	
		ITU Telecommunications Standardization Sector, STUDY GROUP 16, Video Coding Experts Group (VCEG), "H.26L Test Model Long Term Number 8 (TML-8) draft0," Document VCEG-N10, Filename VCEG-N10.doc, Generated 7/10/01, pp. 1-46.	
		CHEN, YING-JUI, et al., "Integer Discrete Cosine Transform (IntDCT)," Electrical & Computer Engineering Dept., Boston University, 8 St. Mary's St., Boston, MA 02215, February 2000, pp. 1-5.	
		LO, K.-T, PhD., et al., "Development of simple orthogonal transforms for image compression," IEE Proc.-Vis. Image Signal Process., Vol. 142, No. 1, February 1995, pp 22-26.	
		CHAM, W.-K, PhD, "Development of integer cosine transforms by the principle of dyadic symmetry," IEE Proceedings, Vol. 136, Pt. I, No. 4, August 1989, pp 276-282.	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.